Abstract of the Disclosure

A system for providing network security through manipulating data

5   connections and connection attempts over a data-packet-network between at

least two network nodes is provided. The system includes a system host

machine, a first software application residing on the host machine for

detecting and monitoring connection activity, a data store for storing

connection related data, and a second software application for emulating one

10   or more end nodes of the connections or connection attempts. In a preferred

embodiment the system uses the detection software to detect one or more

pre-defined states associated with a particular connection or connection

attempt including states associated with data content transferred there over

and performs at least one packet generation and insertion action triggered by

15   the detected state or states, the packet or packets emulating one or more end

nodes of the connection or connection attempt to cause preemption or

resolution of the detected state or states.